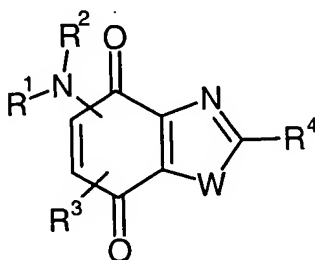


Listing of Claims:

DT04 Rec'd PCT/PTO 24 JUN 2004

Claim 1 (currently amended) Use of a compound of general formula (I) A method of inhibiting at least one activity selected from the group consisting of phosphatases cdc 25 and phosphatase CD 45 in a warm-blooded animals comprising administering to a warm-blooded animal in need thereof an inhibiting amount of a compound of the formula



(I)

in which wherein

R^1 ~~represents a~~ is selected from the group consisting of hydrogen, atom or an alkyl, alkoxyalkyl, alkylthioalkyl, cycloalkyl, $-(CH_2)-X-Y$, $-(CH_2)-Z-NR^5R^6$ radical or a $-CHR^{35}R^{36}$ radical ~~in which, R^{35} and R^{36} form together with the carbon atom which carries them an indanyl or tetralinyl radical, or also R^{35} and R^{36} form together with the carbon atom which carries them a saturated heterocycle containing of 5 to 7 ring members and 1 to 2 heteroatoms chosen selected from the group consisting of O, N and S, the nitrogen atoms of said heterocycle being optionally substituted by radicals chosen from the alkyl radicals and the or benzyl radical,~~

R^1 also being able, when W represents is O, to represent moreover a carbocyclic aryl radical optionally substituted 1 to 3 times by ~~substituents chosen independently from a~~ at least one member selected from the group consisting of halogen, atom and an alkyl, haloalkyl or and alkoxy radical,

X representing is a bond or a linear or branched alkylene radical containing of 1 to 5 carbon atoms,

Y representing is a saturated carbon-containing cyclic system containing 1 to 3 condensed rings ~~chosen independently~~ selected individually from rings with 3 to 7 members, or Y representing is a saturated heterocycle containing 1 to 2 heteroatoms ~~chosen independently from~~ individually selected from the group consisting of O, N and S and attached to the X radical by an N or CH member, said saturated heterocycle moreover containing 2 to 6 additional members ~~chosen independently~~ selected from the group consisting of ~~from~~ $-CHR^7-$, $-CO-$, $-NR^8-$, $-O-$ and $-S-$, R^7 representing a is hydrogen atom or an alkyl radical and R^8 representing a is selected from the group consisting of hydrogen, atom or an alkyl or and aralkyl radical, or also Y representing is a carbocyclic or heterocyclic aryl radical optionally substituted from 1 to 3 times by ~~substituents chosen independently from the group constituted by a~~ at least one member selected from the group consisting of halogen atom, an alkyl radical, a haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro radical, a cyano radical, the phenyl radical, an $-SO_2NHR^9$ radical and an $-NR^{10}R^{11}$ radical, R^9 representing a is selected from the group consisting of hydrogen, atom or an alkyl or and phenyl radical, and R^{10} and R^{11} representing are independently alkyl radicals,

Z ~~representing~~ is a bond or a linear or branched alkylene radical containing of 1 to 5 carbon atoms,

R⁵ and R⁶ ~~being chosen~~ are independently selected from the group consisting of ~~from a~~ hydrogen atom, an alkyl, aralkyl ~~or~~ and -(CH₂)_n-OH radical in which, n represents is an integer from 1 to 6,

or R⁵ ~~representing an~~ is selected from the group consisting of alkoxy carbonyl, haloalkoxy carbonyl ~~or~~ and aralkoxy carbonyl radical and R⁶ ~~representing a~~ is hydrogen atom or a methyl radical,

or also R⁵ and R⁶ ~~forming~~ form together with the nitrogen atom a heterocycle with of 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen~~ independently selected from the group consisting of -CR¹²R¹³-, -O-, -S- and -NR¹⁴ radicals, R¹² and R¹³ ~~representing~~ are independently each time that they occur a hydrogen atom or an alkyl radical, and R¹⁴ ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl ~~or~~ and aralkyl radical,

or also R¹⁴ ~~representing a~~ is phenyl radical optionally substituted from 1 to 3 times by substituents ~~chosen independently from a~~ at least one member selected from the group consisting of halogen, atom and an alkyl and alkoxy radical,

R² ~~representing a~~ is hydrogen, atom or an alkyl ~~or~~ and aralkyl radical;

or also R¹ and R² ~~forming~~ form together with the nitrogen atom a heterocycle with 4 to 8 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen independently~~ at least one member selected from the group consisting of -CR¹⁵R¹⁶-, -O-, -S- and -NR¹⁷- radicals, R¹⁵ and R¹⁶ ~~representing~~ are independently each time that they occur a hydrogen atom or an alkyl radical, and R¹⁷

~~representing a~~ is selected from the group consisting of hydrogen atom or an alkyl or and
aralkyl radical;

R^3 ~~represents a~~ is selected from the group consisting of hydrogen atom, or an alkyl,
haloalkyl, alkoxy or and alkylthio radical;

R^4 ~~represents an~~ is selected from the group consisting of alkyl, cycloalkyl,
cycloalkylalkyl, cyano, amino, $-\text{CH}_2-\text{COOR}^{18}$, $-\text{CH}_2-\text{CO-NR}^{19}\text{R}^{20}$ or and $-\text{CH}_2-\text{NR}^{21}\text{R}^{22}$
radical, or R^4 ~~represents is~~ a carbocyclic or heterocyclic aryl radical optionally substituted
from 1 to 4 times by substituents ~~chosen independently from a~~ at least one member
selected from the group consisting of halogen, atom and an alkyl, haloalkyl, alkoxy,
haloalkoxy or and $\text{NR}^{37}\text{R}^{38}$ radical, or also R^4 ~~represents a~~ is phenyl radical possessing
two substituents which form together a methylenedioxy or ethylenedioxy radical,

R^{18} ~~representing a~~ is hydrogen atom or an alkyl radical,

R^{19} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl
radical or an and aralkyl, radical the aryl group of which is optionally substituted from 1
to 3 times by substituents ~~chosen independently from the group constituted by a~~ at least
one member selected from the group consisting of halogen atom, an alkyl radical, a
haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro
radical, a cyano radical, the phenyl radical, an $-\text{SO}_2\text{NHR}^{23}$ radical and an $-\text{NR}^{24}\text{R}^{25}$
radical, R^{23} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an
alkyl or and phenyl radical, and R^{24} and R^{25} ~~representing are~~ independently alkyl radicals,
 R^{20} ~~representing a~~ is hydrogen atom or an alkyl radical,

or also R^{19} and R^{20} ~~forming~~ form together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle ~~being chosen independently from the~~ at least one member selected from the group consisting of $-CR^{26}R^{27}-$, $-O-$, $-S-$ and $-NR^{28}-$ radicals, R^{26} and R^{27} ~~representing~~ are independently each time that they occur a selected from the group consisting of hydrogen atom or an alkyl radical, and R^{28} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and aralkyl radical, or also R^{28} ~~representing a~~ is phenyl radical optionally substituted from 1 to 3 times by substituents ~~chosen independently from a~~ at least one member selected from the group consisting of halogen, and an alkyl or alkoxy radical,

R^{21} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl radical or an and aralkyl radical the aryl group of which is optionally substituted from 1 to 3 times by substituents ~~chosen independently from the group constituted by a~~ at least one member selected from the group consisting of halogen atom, an alkyl radical, a haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro radical, a cyano radical, the phenyl radical, an $-SO_2NHR^{29}$ radical and an $-NR^{30}R^{31}$ radical, R^{29} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and phenyl radical, and R^{30} and R^{31} ~~representing~~ are independently alkyl radicals, R^{22} ~~representing a~~ is hydrogen atom or an alkyl radical,

or also R^{21} and R^{22} ~~forming~~ form together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen independently~~ selected from the group consisting of

-CR³²R³³-, -O-, -S- and -NR³⁴- radicals, R³² and R³³ representing are independently each time that they occur a hydrogen atom or an alkyl radical, and R³⁴ representing a is hydrogen atom, an alkyl or and aralkyl radical, or also R³⁴ representing a is phenyl radical optionally substituted from 1 to 3 times by substituents chosen independently selected from a the group consisting of halogen, atom and an alkyl or and alkoxy radical, R³⁷ and R³⁸ being chosen are independently from a hydrogen atom and an or alkyl radical or R³⁷ and R³⁸ forming form together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being chosen independently at least one member selected from the group consisting of -CR³⁹R⁴⁰-, -O-, -S- and -NR⁴¹- radicals, R³⁹ and R⁴⁰ representing are independently each time that they occur a hydrogen atom or an alkyl radical, and R⁴¹ representing a is hydrogen atom or an alkyl radical; and

W represents is O or S;

of or a pharmaceutically acceptable salt of a compound of general formula (I) for preparing a medicament intended to inhibit the phosphatases cdc25 and/or the phosphatase CD-45.

Claim 2 (currently amended) Use of a compound of general formula (I) as defined in
The method of claim 1, or of a pharmaceutically acceptable salt of such a compound, for
preparing a medicament intended to treat one of the following diseases / one of the
following disorders: a disease selected from the group consisting of tumorous

proliferative diseases, non-tumorous proliferative diseases, neurodegenerative diseases, parasitic diseases, viral infections, spontaneous alopecia, alopecia induced by exogenous products, radiation-induced alopecia, auto-immune diseases, transplant rejections, inflammatory diseases and allergies.

Claim 3 (currently amended) ~~Use according to~~ The method of claim 2, characterized in that wherein the disease treated is a cancer.

Claim 4 (currently amended) ~~Use according to one of claims 1 to 3, characterized in that the compound of general formula (I) is such that~~ The method of claim 1 wherein:

- ~~R¹ represents an~~ is selected from the group consisting of alkyl, cycloalkyl, alkoxyalkyl, -(CH₂)-X-Y, -(CH₂)-Z-NR⁵R⁶ ~~or and -CHR³⁵R³⁶ radical and R²~~ represents a is selected from the group consisting of hydrogen, atom or the methyl, ethyl or and benzyl radical or also R¹ and R² form together with the nitrogen atom a heterocycle with 4 to 8 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being chosen independently from the selected from the group consisting of -CH₂-, -O- and -NR¹⁷ radicals, R¹⁷ representing a is methyl or benzyl radical;
- ~~R³ represents a~~ is selected from the group consisting of hydrogen atom, a halogen, atom or an alkyl, alkoxy or and alkylthio radical;

- R^4 ~~represents an~~ is selected from the group consisting of alkyl, $-\text{CH}_2-\text{COOR}^{18}$, or $-\text{CH}_2-\text{CO}-\text{NR}^{19}\text{R}^{20}$, or $-\text{CH}_2-\text{NR}^{21}\text{R}^{22}$ ~~radical or also~~ and a carbocyclic or heterocyclic aryl radical optionally substituted from 1 to 4 times by ~~substituents chosen independently from a~~ at least one member selected from the group consisting of halogen, atom ~~and an~~ alkyl, haloalkyl, alkoxy or and $\text{NR}^{37}\text{R}^{38}$ radical.

Claim 5 (currently amended) ~~Use according to one of claims 1 to 4, characterized in that~~
the compound of general formula (I) is such that The method of claim 1 wherein R^1
represents a is $-(\text{CH}_2)-\text{Z}-\text{NR}^5\text{R}^6$ radical.

Claim 6 (currently amended) ~~Use according to one of claims 1 to 4, characterized in that~~
the compound of general formula (I) is such that The method of claim 1 wherein W
represents is S.

Claim 7 (currently amended) ~~Use according to one of claims 1 to 4, characterized in that~~
the compound of general formula (I) is such that The method of claim 1 wherein W
represents is O.

Claim 8 (currently amended) ~~Use according to claim 1 or 2, characterized in that~~ The
method of claim 1 wherein the compound used is one of the following compounds is
selected from the group consisting of:

- 2-methyl-5-{[2-(4-morpholinyl)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[6-(dimethylamino)hexyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[3-(dimethylamino)-2,2-dimethylpropyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{[3-(4-methyl-1-piperazinyl)propyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-[(1-ethylhexyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[(1-adamantylmethyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-[(2-thienylmethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-[(3-chlorobenzyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-[(4-pyridinylmethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-(propylamino)-1,3-benzothiazole-4,7-dione;
- 5-{[3-(1*H*-imidazol-1-yl)propyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 4-{2-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]ethyl}-benzenesulphonamide;
- 5-(4-benzyl-1-piperazinyl)-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[(2-methoxyethyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-[(2-piperidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(diisopropylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[(1-benzylpyrrolidin-3-yl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{[2-(1-methylpyrrolidin-2-yl)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{[3-(2-methylpiperidin-1-yl)propyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-{[4-(dimethylamino)butyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[5-(dimethylamino)pentyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-(2,3-dihydro-1*H*-inden-1-ylamino)-2-methyl-1,3-benzothiazole-4,7-dione;

- 5-{benzyl[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- *tert*-butyl methyl{3-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]-propyl}carbamate;
- *tert*-butyl 3-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]propylcarbamate;
- 2-methyl-5-{[3-(methylamino)propyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-[(3-aminopropyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-chloro-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-bromo-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-(butylthio)-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(morpholin-4-ylmethyl)-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-[(4-phenylpiperazin-1-yl)methyl]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(piperidin-1-ylmethyl)-1,3-benzothiazole-4,7-dione;
- 5-{[6-(dimethylamino)hexyl]amino}-2-ethyl-1,3-benzoxazole-4,7-dione;
- 6-{[6-(dimethylamino)hexyl]amino}-2-ethyl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-(4-methylpiperazin-1-yl)-1,3-benzoxazole-4,7-dione;
- 2-ethyl-6-(4-methylpiperazin-1-yl)-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-[(1-ethylhexyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-ethyl-6-[(1-ethylhexyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-azocan-1-yl-2-ethyl-1,3-benzoxazole-4,7-dione;
- 6-azocan-1-yl-2-ethyl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-morpholin-4-yl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-6-morpholin-4-yl-1,3-benzoxazole-4,7-dione;

- 5-{[2-(dimethylamino)ethyl]amino}-2-ethyl-6-methyl-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 5-{[6-(dimethylamino)hexyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 6-{[6-(dimethylamino)hexyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[4-(dimethylamino)butyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[4-(dimethylamino)butyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;

- 2-(2-bromophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-[(1-benzylpyrrolidin-3-yl)amino]-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(1-benzylpyrrolidin-3-yl)amino]-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[3-(dimethylamino)propyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;

- 2-(3,5-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-5-{{2-(pyrrolidin-1-ylethyl)amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-6-{{2-(pyrrolidin-1-ylethyl)amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-{{2-(pyrrolidin-1-ylethyl)amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-{{2-(pyrrolidin-1-ylethyl)amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-{{3-(dimethylamino)propyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-{{3-(dimethylamino)propyl}amino}-1,3-benzoxazole-4,7-dione;
- 5-{{2-(pyrrolidin-1-ylethyl)amino}-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{{2-(pyrrolidin-1-ylethyl)amino}-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{{2-(pyrrolidin-1-ylethyl)amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{{2-(pyrrolidin-1-ylethyl)amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;

- 5-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 2-[2-fluoro-6-(trifluoromethyl)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-fluoro-6-(trifluoromethyl)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 6-{[3-(dimethylamino)propyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;

- 2-[2-chloro-6-fluorophenyl]-6-{{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[3,4-dimethoxyphenyl]-5-{{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[3,4-dimethoxyphenyl]-6-{{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-bromo-3-pyridyl]-5-{{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-bromo-3-pyridyl]-6-{{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-cyclohexyl-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-thien-2-yl-1,3-benzothiazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-thien-2-yl-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-5-{{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-6-{{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2-furyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;

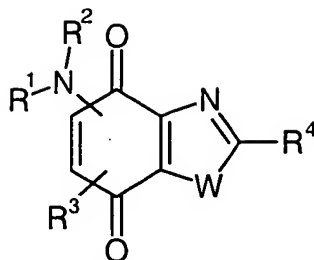
- 2-(2-furyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(2-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(4-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(4-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-[[2-(dimethylamino)ethyl](ethyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[[2-(dimethylamino)ethyl](methyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;

- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,4-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,4-difluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione;

- 6-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(1,3-benzodioxol-5-yl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(1,3-benzodioxol-5-yl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione;
- 2-(4-ethylphenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-ethylphenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione;

or a pharmaceutically acceptable salt of ~~one of the latter~~ thereof.

Claim 9 (currently amended) ~~As a medicament, a compound of general formula (I)_M~~ A pharmaceutical composition for inhibiting phosphatases cd25 and/or phosphatase CD45 comprising an inhibitorily effective amount of a compound of the formula



(I)_M

in which

wherein R^1 represents a is selected from the group consisting of hydrogen, atom or an alkyl, alkoxyalkyl, alkylthioalkyl, cycloalkyl, $-(CH_2)-X-Y$, $-(CH_2)-Z-NR^5R^6$ radical or a and $-CHR^{35}R^{36}$ radical in which, R^{35} and R^{36} form together with the carbon atom which carries them an indanyl or tetralinyl radical, or also R^{35} and R^{36} form together with the carbon atom which carries them a saturated heterocycle containing 5 to 7 ring members and 1 to 2 heteroatoms chosen from selected from the group consisting of O, N and S, the nitrogen atoms of said heterocycle being optionally substituted by radicals chosen from the alkyl radicals and the or benzyl radical,

R^1 also being able, when W represents is O, to represent moreover a carbocyclic aryl radical optionally substituted from 1 to 3 times by substituents chosen independently from a at least one member selected from the group consisting of halogen, atom and an alkyl, haloalkyl or and alkoxy radical,

X representing is a bond or a linear or branched alkylene radical containing of 1 to 5 carbon atoms,

Y ~~representing~~ is a saturated carbon-containing cyclic system containing 1 to 3 condensed rings ~~chosen~~ selected independently from rings with 3 to 7 members, or Y ~~representing a~~ is saturated heterocycle containing 1 to 2 heteroatoms chosen independently from O, N and S and attached to the X ~~radical~~ by an N or CH member, said saturated heterocycle moreover containing 2 to 6 additional members ~~chosen~~ independently from selected from the group consisting of $-\text{CHR}^7-$, $-\text{CO}-$, $-\text{NR}^8-$, $-\text{O}-$ and $-\text{S}-$, R^7 ~~representing a~~ is hydrogen atom or an alkyl radical and R^8 ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and aralkyl radical, or also Y ~~representing~~ is a carbocyclic or heterocyclic aryl ~~radical~~ optionally substituted from 1 to 3 times by substituents ~~chosen independently from the group constituted by a~~ at least one member selected from the group consisting of halogen atom, an alkyl radical, a haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro radical, a cyano radical, the phenyl radical, an SO_2NHR^9 radical and an $\text{NR}^{10}\text{R}^{11}$ radical, R^9 ~~representing a~~ is hydrogen atom or an alkyl or phenyl radical, and R^{10} and R^{11} ~~representing~~ are independently alkyl radicals,

Z ~~representing~~ is a bond or a ~~linear or branched~~ alkylene radical ~~containing of~~ 1 to 5 carbon atoms,

R^5 and R^6 ~~being chosen~~ are independently selected from a the group consisting of hydrogen atom, an alkyl, aralkyl or $-(\text{CH}_2)_n-\text{OH}$ radical in which n ~~represents~~ is an integer from 1 to 6,

or R^5 ~~representing an~~ is selected from the group consisting of alkoxycarbonyl, haloalkoxycarbonyl or and aralkoxycarbonyl radical and R^6 ~~representing a~~ is hydrogen atom or a methyl radical,

or also R^5 and R^6 ~~forming form~~ together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen~~ independently selected from the group consisting of $-CR^{12}R^{13}$ -, $-O$ -, $-S$ - and $-NR^{14}$ - radicals, R^{12} and R^{13} ~~representing are~~ independently each time that they occur a hydrogen atom or an alkyl radical, and R^{14} ~~representing a~~ is hydrogen, atom or an alkyl or and aralkyl radical, or also R^{14} ~~representing a~~ is phenyl radical optionally substituted from 1 to 3 times by substituents ~~chosen independently from a~~ at least one member selected from the group consisting of halogen, atom and an alkyl or and alkoxy radical,

R^2 ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and aralkyl radical;

or also R^1 and R^2 ~~forming form~~ together with the nitrogen atom a heterocycle with 4 to 8 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen independently~~ at least one member selected from the group consisting of $-CR^{15}R^{16}$ -, $-O$ -, $-S$ - and $-NR^{17}$ - radicals, R^{15} and R^{16} ~~representing are~~ independently each time that they occur a hydrogen atom or an alkyl radical, and R^{17} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and aralkyl radical;

R^3 ~~represents a~~ is selected from the group consisting of hydrogen atom, a halogen atom, or an alkyl, haloalkyl, alkoxy or and alkylthio radical;

R^4 ~~represents an~~ is selected from the group consisting of alkyl, cycloalkyl, cycloalkylalkyl, cyano, amino, $-\text{CH}_2\text{-COOR}^{18}$, $-\text{CH}_2\text{-CO-NR}^{19}\text{R}^{20}$ ~~or~~ and $-\text{CH}_2\text{-NR}^{21}\text{R}^{22}$ radical, or R^4 ~~represents~~ is a carbocyclic or heterocyclic aryl radical optionally substituted from 1 to 4 times by ~~substituents chosen independently from a~~ at least one member selected from a halogen, ~~atom and an~~ alkyl, haloalkyl, alkoxy, haloalkoxy ~~or~~ and $\text{NR}^{37}\text{R}^{38}$ radical, or also R^4 ~~represents a~~ is phenyl radical possessing two substituents which form together a methylenedioxy or ethylenedioxy radical,

R^{18} ~~representing a~~ is hydrogen atom or an alkyl radical,

R^{19} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl radical or an and aralkyl, radical the aryl group of which is optionally substituted from 1 to 3 times by ~~substituents chosen independently from the group constituted by a~~ at least one member selected from the group consisting of halogen atom, an alkyl radical, a haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro radical, a cyano radical, the phenyl radical, an $-\text{SO}_2\text{NHR}^{23}$ radical and an $-\text{NR}^{24}\text{R}^{25}$ radical, R^{23} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl ~~or~~ and phenyl radical, and R^{24} and R^{25} ~~representing~~ are independently alkyl radicals,

R^{20} ~~representing a~~ is hydrogen atom or an alkyl radical,

or also R^{19} and R^{20} ~~forming~~ form together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen independently from the~~ selected from the group consisting of $-\text{CR}^{26}\text{R}^{27}-$, $-\text{O}-$, $-\text{S}-$ and $-\text{NR}^{28}-$ radicals, R^{26} and R^{27} ~~representing~~ are independently each time that they occur a hydrogen atom or an alkyl radical, and R^{28} ~~representing a~~ is selected from the group consisting of hydrogen atom or an, alkyl ~~or~~ and aralkyl radical,

or also R^{28} ~~representing a~~ is phenyl radical optionally substituted from 1 to 3 times by substituents ~~chosen independently from a~~ at least one member selected from the group ~~consisting of halogen, atom and an alkyl or~~ and alkoxy radical,

R^{21} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl radical or an and aralkyl radical the aryl group of which is optionally substituted from 1 to 3 times by substituents ~~chosen independently~~ selected from the group ~~constituted by a~~ consisting of halogen atom, an alkyl radical, a haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro radical, a cyano radical, the phenyl radical, an $-SO_2NHR^{29}$ radical and an $-NR^{30}R^{31}$ radical, R^{29} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and phenyl radical, and R^{30} and R^{31} ~~representing~~ are independently alkyl radicals,

R^{22} ~~representing a~~ is hydrogen atom or an alkyl radical,

or also R^{21} and R^{22} ~~forming form~~ together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen independently~~ at least one member selected from the group consisting of $-CR^{32}R^{33}-$, $-O-$, $-S-$ and $-NR^{34}-$ radicals, R^{32} and R^{33} ~~representing~~ are independently each time that they occur a hydrogen atom or an alkyl radical, and R^{34} ~~representing a~~ is hydrogen atom, an alkyl or and aralkyl radical, or also R^{34} ~~representing a~~ is phenyl radical optionally substituted from 1 to 3 times by substituents ~~chosen independently from a~~ at least one member selected from the group consisting of halogen, atom and an alkyl or alkoxy radical,

R^{37} and R^{38} ~~being chosen independently from a~~ are independently hydrogen atom and an or alkyl radical or

R^{37} and R^{38} ~~forming form~~ together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen independently~~ at least one member selected from the group consisting of $-CR^{39}R^{40}-$, $-O-$, $-S-$ and $-NR^{41}-$ radicals, R^{39} and R^{40} ~~representing are~~ independently each time that they occur a hydrogen atom or an alkyl radical, and R^{41} ~~representing a~~ is hydrogen atom or an alkyl radical; and

W ~~represents is~~ O or S;

it being understood that if W ~~represents is~~ S and R^4 ~~represents an is~~ optionally substituted aryl radical, then R^1 is ~~chosen from the~~ selected from the group consisting of alkoxyalkyl, alkylthioalkyl, cycloalkyl, $-(CH_2)-X-Y$ and $-(CH_2)-Z-NR^5R^6$ substituents;

or a pharmaceutically acceptable salt ~~of such a compound~~ thereof and a pharmaceutical carrier.

Claim 10 (currently amended) ~~Medicament according to~~ A pharmaceutical composition of claim 9, characterized in that the compound of general formula (I)_M is one of the ~~following compounds~~ wherein the compound is selected from the group consisting of:

- 2-methyl-5-{[2-(4-morpholinyl)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[6-(dimethylamino)hexyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[3-(dimethylamino)-2,2-dimethylpropyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{[3-(4-methyl-1-piperazinyl)propyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-[(1-ethylhexyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[(1-adamantylmethyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-[(2-thienylmethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-[(3-chlorobenzyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-[(4-pyridinylmethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-(propylamino)-1,3-benzothiazole-4,7-dione;
- 5-{[3-(1*H*-imidazol-1-yl)propyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 4-{2-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]ethyl}-benzenesulphonamide;
- 5-(4-benzyl-1-piperazinyl)-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[(2-methoxyethyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-[(2-piperidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(diisopropylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[(1-benzylpyrrolidin-3-yl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{[2-(1-methylpyrrolidin-2-yl)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{[3-(2-methylpiperidin-1-yl)propyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-{[4-(dimethylamino)butyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[5-(dimethylamino)pentyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-(2,3-dihydro-1*H*-inden-1-ylamino)-2-methyl-1,3-benzothiazole-4,7-dione;

- 5-{benzyl[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- *tert*-butyl methyl{3-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]propyl}carbamate;
- *tert*-butyl 3-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]propylcarbamate;
- 2-methyl-5-{[3-(methylamino)propyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-{[3-aminopropyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-chloro-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-bromo-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-(butylthio)-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(morpholin-4-ylmethyl)-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-[(4-phenylpiperazin-1-yl)methyl]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(piperidin-1-ylmethyl)-1,3-benzothiazole-4,7-dione;
- 5-{[6-(dimethylamino)hexyl]amino}-2-ethyl-1,3-benzoxazole-4,7-dione;
- 6-{[6-(dimethylamino)hexyl]amino}-2-ethyl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-(4-methylpiperazin-1-yl)-1,3-benzoxazole-4,7-dione;
- 2-ethyl-6-(4-methylpiperazin-1-yl)-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-[(1-ethylhexyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-ethyl-6-[(1-ethylhexyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-azocan-1-yl-2-ethyl-1,3-benzoxazole-4,7-dione;
- 6-azocan-1-yl-2-ethyl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-morpholin-4-yl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-6-morpholin-4-yl-1,3-benzoxazole-4,7-dione;

- 5-{[2-(dimethylamino)ethyl]amino}-2-ethyl-6-methyl-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 5-{[6-(dimethylamino)hexyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 6-{[6-(dimethylamino)hexyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[4-(dimethylamino)butyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[4-(dimethylamino)butyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;

- 2-(2-bromophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-[(1-benzylpyrrolidin-3-yl)amino]-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(1-benzylpyrrolidin-3-yl)amino]-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[3-(dimethylamino)propyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;

- 2-(2,5-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;

- 5-{[2-(dimethylamino)ethyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 2-[2-fluoro-6-(trifluoromethyl)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-fluoro-6-(trifluoromethyl)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 6-{[3-(dimethylamino)propyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;

- 2-[2-chloro-6-fluorophenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[3,4-dimethoxyphenyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[3,4-dimethoxyphenyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-bromo-3-pyridyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-bromo-3-pyridyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-cyclohexyl-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-thien-2-yl-1,3-benzothiazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-thien-2-yl-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2-furyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2-furyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione;

- 5-{[2-(dimethylamino)ethyl]amino}-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(2-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(4-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(4-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-[[2-(dimethylamino)ethyl](ethyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[[2-(dimethylamino)ethyl](methyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,4-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;

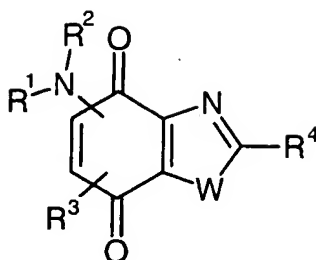
- 2-(2,4-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione;

- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(1,3-benzodioxol-5-yl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(1,3-benzodioxol-5-yl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione;
- 2-(4-ethylphenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-ethylphenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione;

or a pharmaceutically acceptable ~~salt of one of the latter~~ thereof.

Claims 11-12 (cancelled)

Claim 13 (currently amended) ~~Compound A~~ compound of the general formula (II)



(II)

in which wherein:

~~R¹ represents a~~ is selected from the group consisting of hydrogen, ~~atom or an alkyl,~~
alkoxyalkyl, alkylthioalkyl, cycloalkyl, ~~-(CH₂)-X-Y, -(CH₂)-Z-NR⁵R⁶ radical or a and~~
~~-CHR³⁵R³⁶, radical in which R³⁵ and R³⁶ form together with the carbon atom which~~
~~carries them an indanyl or tetralinyl radical, or also R³⁵ and R³⁶ form together with the~~
~~carbon atom which carries them a saturated heterocycle containing of 5 to 7 ring~~
~~members and 1 to 2 heteroatoms chosen~~ selected from the group consisting of O, N and
S, ~~the nitrogen atoms of said heterocycle being optionally substituted by radicals chosen~~
~~from the alkyl radicals and the or benzyl radical,~~

R¹ also being able, when W ~~represents is~~ is O, to represent ~~moreover~~ a carbocyclic aryl
~~radical optionally substituted from 1 to 3 times by substituents chosen independently~~
~~from a~~ selected from the group consisting of halogen, ~~atom and an alkyl, haloalkyl or and~~
alkoxy radical,

X ~~representing a~~ is a bond or a ~~linear or branched alkylene radical containing of~~ 1 to 5
carbon atoms,

~~Y representing a~~ is a saturated carbon-containing cyclic system containing 1 to 3 condensed rings chosen independently from rings with 3 to 7 members, or ~~Y representing~~ is a saturated heterocycle containing 1 to 2 heteroatoms ~~chosen independently from~~ selected from the group consisting of O, N and S and attached to ~~the X radical by an~~ a N or CH member, said saturated heterocycle ~~moreover~~ containing 2 to 6 additional members ~~chosen independently from~~ of at least one member selected from the group consisting of -CHR⁷-, -CO-, -NR⁸-, -O- and -S-, R⁷ ~~representing a~~ is hydrogen atom or an alkyl radical and R⁸ ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and aralkyl radical, or also Y ~~representing~~ is a carbocyclic or heterocyclic aryl radical optionally substituted from 1 to 3 times by substituents ~~chosen independently from the group constituted by a~~ at least one member selected from the group consisting of halogen atom, an alkyl radical, a haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro radical, a cyano radical, the phenyl radical, an -SO₂NHR⁹ radical and an -NR¹⁰R¹¹ radical, R⁹ ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and phenyl radical, and R¹⁰ and R¹¹ ~~representing~~ are independently alkyl radicals,

Z ~~representing~~ is a bond or ~~a linear or branched alkylene radical containing of~~ 1 to 5 carbon atoms,

R⁵ and R⁶ ~~being chosen~~ are independently ~~from a~~ selected from the group consisting of hydrogen atom, an alkyl, aralkyl or and -(CH₂)_n-OH radical in which n represents an integer from 1 to 6,

~~or R⁵ representing an~~ is selected from the group consisting of alkoxycarbonyl,
haloalkoxycarbonyl ~~or and~~ aralkoxycarbonyl radical and R⁶ ~~representing a~~ is hydrogen
atom or a methyl radical,
or also R⁵ and R⁶ ~~forming form~~ together with the nitrogen atom a heterocycle with 4 to 7
ring members comprising 1 to 2 heteroatoms, the members necessary for completing the
heterocycle being ~~chosen~~ independently selected from the group consisting of -CR¹²R¹³-,
-O-, -S- and -NR¹⁴- radicals, R¹² and R¹³ ~~representing are~~ independently each time that
they occur a hydrogen atom or an alkyl radical, and R¹⁴ ~~representing a~~ is selected from
the group consisting of hydrogen, atom ~~or an alkyl or and~~ aralkyl radical, or also R¹⁴
~~representing a~~ is phenyl radical optionally substituted from 1 to 3 times by substituents
~~chosen independently from a~~ at least one member selected from the group consisting of
halogen, atom ~~and an alkyl or and~~ alkoxy radical,
R² ~~representing a~~ is selected from the group consisting of hydrogen, atom ~~or an alkyl or~~
~~and~~ aralkyl radical;
or also R¹ and R² ~~forming form~~ together with the nitrogen atom a heterocycle with 4 to 8
ring members comprising 1 to 2 heteroatoms, the members necessary for completing the
heterocycle being ~~chosen~~ independently selected from the group consisting of -CR¹⁵R¹⁶-,
-O-, -S- and -NR¹⁷- radicals, R¹⁵ and R¹⁶ ~~representing are~~ independently each time that
they occur a hydrogen atom or an alkyl radical, and R¹⁷ ~~representing a~~ is hydrogen atom
or an alkyl or aralkyl radical;
R³ ~~represents a~~ is selected from the group consisting of hydrogen atom, a halogen atom,
~~or an alkyl, haloalkyl, alkoxy or and~~ alkylthio radical;

R^4 ~~represents an~~ is selected from the group consisting of alkyl, cycloalkyl, cycloalkylalkyl, cyano, amino, $-CH_2-COOR^{18}$, $-CH_2-CO-NR^{19}R^{20}$ ~~or and~~ $-CH_2-NR^{21}R^{22}$ radical, or R^4 ~~represents~~ is a carbocyclic or heterocyclic aryl radical optionally substituted from 1 to 4 times by ~~substituents chosen independently from a~~ at least one member selected from the group consisting of halogen, ~~atom and an~~ alkyl, haloalkyl, alkoxy, haloalkoxy ~~or and~~ $-NR^{37}R^{38}$ radical, or also R^4 ~~represents a~~ is phenyl radical possessing two substituents which form together a methylenedioxy or ethylenedioxy radical, R^{18} ~~representing a~~ is hydrogen atom or an alkyl radical, R^{19} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl radical or an and aralkyl radical the aryl group of which is optionally substituted from 1 to 3 times by ~~substituents chosen independently from the group constituted by a~~ at least one member selected from the group consisting of halogen atom, an alkyl radical, a haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro radical, a cyano radical, the phenyl radical, an $-SO_2NHR^{23}$ radical and an $-NR^{24}R^{25}$ radical, R^{23} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl ~~or and~~ phenyl radical, and R^{24} and R^{25} ~~representing are~~ are independently alkyl radicals, R^{20} ~~representing a~~ is hydrogen atom or an alkyl radical, or also R^{19} and R^{20} ~~forming form~~ forming together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen independently~~ selected from the group consisting of $-CR^{26}R^{27}$ -, $-O$ -, $-S$ - and $-NR^{28}$ - radicals, R^{26} and R^{27} ~~representing are~~ are independently each time that they occur a hydrogen atom or an alkyl radical, and R^{28} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl ~~or and~~ aralkyl radical,

or also R^{28} ~~representing a~~ is phenyl radical optionally substituted from 1 to 3 times by substituents chosen independently from a at least one member selected from the group consisting of hydrogen, atom and an alkyl or and alkoxy radical,

R^{21} ~~representing a~~ is at least one member selected from the group consisting of hydrogen atom, an alkyl radical or an and aralkyl radical the aryl group of which is optionally substituted from 1 to 3 times by substituents chosen independently from the group constituted by a at least one member selected from the group consisting of halogen atom, an alkyl radical, a haloalkyl radical, an alkoxy radical, a haloalkoxy radical, a hydroxy radical, a nitro radical, a cyano radical, the phenyl radical, an $-SO_2NHR^{29}$ radical and an $-NR^{30}R^{31}$ radical, R^{29} ~~representing a~~ is selected from the group consisting of hydrogen, atom or an alkyl or and phenyl radical, and R^{30} and R^{31} ~~representing~~ are independently alkyl radicals,

R^{22} ~~representing a~~ is hydrogen atom or an alkyl radical,

or also R^{21} and R^{22} ~~forming form~~ together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising 1 to 2 heteroatoms, the members necessary for completing the heterocycle being chosen independently selected from the group consisting of $-CR^{32}R^{33}$ -, $-O$ -, $-S$ - and $-NR^{34}$ - radicals, R^{32} and R^{33} ~~representing~~ are independently each time they occur a hydrogen atom or an alkyl radical, and R^{34} ~~representing a~~ is selected from the group consisting of hydrogen atom, an alkyl or and aralkyl radical, or also R^{34} ~~representing a~~ is phenyl radical optionally substituted from 1 to 3 times by substituents chosen independent from a at least one member selected from the group consisting of halogen, atom and an alkyl or and alkoxy radical,

R^{37} and R^{38} ~~being chosen~~ are independently from a hydrogen atom and an or alkyl radical or R^{37} and R^{38} ~~forming~~ form together with the nitrogen atom a heterocycle with 4 to 7 ring members comprising from 1 to 2 heteroatoms, the members necessary for completing the heterocycle being ~~chosen~~ independently selected from the group consisting of $-\text{CR}^{39}\text{R}^{40}-$, $-\text{O}-$, $-\text{S}-$ and $-\text{NR}^{41}-$ radicals, R^{39} and R^{40} ~~representing~~ are independently each time that they occur a hydrogen atom or an alkyl radical, and R^{41} ~~representing a~~ is hydrogen atom or an alkyl radical; and

W ~~represents~~ is O or S;

it being understood that:

- if W ~~represents~~ is S and R^4 ~~represents an~~ is alkyl radical, then R^1 ~~does~~ is not represent a hydrogen atom or an alkyl or cycloalkyl radical and/or R^3 ~~represents a~~ is hydrogen atom or an alkyl radical,
- if W ~~represents~~ is S and R^4 ~~represents an~~ is optionally substituted aryl radical, then R^1 is ~~chosen from the~~ selected from the group consisting of alkoxyalkyl, alkylthioalkyl, cycloalkyl, $-(\text{CH}_2)-\text{X}-\text{Y}$ and $-(\text{CH}_2)-\text{Z}-\text{NR}^5\text{R}^6$ substituents;

or a salt of such a compound thereof.

Claim 14 (currently amended) ~~Compound of general formula (II) according to A~~
~~compound of claim 11, characterized in that~~ wherein R^1 represents a $-(CH_2)_5-Z-NR^5R^6$
~~radical, or salt of such a compound.~~

Claim 15 (currently amended) ~~Compound A compound of general formula (II)~~
~~according to claim 11, characterized in that it is one of the following compounds selected~~
~~from the group consisting of:~~

- 2-methyl-5-{{2-(4-morpholinyl)ethyl}amino}-1,3-benzothiazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{{6-(dimethylamino)hexyl}amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{{3-(dimethylamino)-2,2-dimethylpropyl}amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{{3-(4-methyl-1-piperazinyl)propyl}amino}-1,3-benzothiazole-4,7-dione;
- 5-{{(1-ethylhexyl)amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{{(1-adamantylmethyl)amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{{(2-thienylmethyl)amino}-1,3-benzothiazole-4,7-dione;
- 5-{{(3-chlorobenzyl)amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{{(4-pyridinylmethyl)amino}-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-(propylamino)-1,3-benzothiazole-4,7-dione;
- 5-{{3-(1H-imidazol-1-yl)propyl}amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 4-{{2-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]ethyl}-benzenesulphonamide;
- 5-(4-benzyl-1-piperazinyl)-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{{(2-methoxyethyl)amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{{(2-pyrrolidin-1-ylethyl)amino}-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{{(2-piperidin-1-ylethyl)amino}-1,3-benzothiazole-4,7-dione;

- 5-{[2-(diisopropylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-[(1-benzylpyrrolidin-3-yl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{[2-(1-methylpyrrolidin-2-yl)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-methyl-5-{[3-(2-methylpiperidin-1-yl)propyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-{[4-(dimethylamino)butyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[5-(dimethylamino)pentyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-(2,3-dihydro-1*H*-inden-1-ylamino)-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{benzyl[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- *tert*-butyl methyl{3-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]-propyl}carbamate;
- *tert*-butyl 3-[(2-methyl-4,7-dioxo-4,7-dihydro-1,3-benzothiazol-5-yl)amino]propylcarbamate;
- 2-methyl-5-{[3-(methylamino)propyl]amino}-1,3-benzothiazole-4,7-dione;
- 5-[(3-aminopropyl)amino]-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-chloro-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-bromo-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 6-(butylthio)-5-{[2-(dimethylamino)ethyl]amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(morpholin-4-ylmethyl)-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-[(4-phenylpiperazin-1-yl)methyl]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(piperidin-1-ylmethyl)-1,3-benzothiazole-4,7-dione;
- 5-{[6-(dimethylamino)hexyl]amino}-2-ethyl-1,3-benzoxazole-4,7-dione;
- 6-{[6-(dimethylamino)hexyl]amino}-2-ethyl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-(4-methylpiperazin-1-yl)-1,3-benzoxazole-4,7-dione;
- 2-ethyl-6-(4-methylpiperazin-1-yl)-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-[(1-ethylhexyl)amino]-1,3-benzoxazole-4,7-dione;

- 2-ethyl-6-[(1-ethylhexyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-azocan-1-yl-2-ethyl-1,3-benzoxazole-4,7-dione;
- 6-azocan-1-yl-2-ethyl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-5-morpholin-4-yl-1,3-benzoxazole-4,7-dione;
- 2-ethyl-6-morpholin-4-yl-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-ethyl-6-methyl-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 5-{[6-(dimethylamino)hexyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 6-{[6-(dimethylamino)hexyl]amino}-2-phenyl-1,3-benzoxazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[4-(diethylamino)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{[4-(dimethylamino)butyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{[4-(dimethylamino)butyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;

- 2-(2-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-bromophenyl)-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2-chlorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-bromophenyl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-(4-fluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-fluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-[(1-benzylpyrrolidin-3-yl)amino]-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(1-benzylpyrrolidin-3-yl)amino]-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{[3-(dimethylamino)propyl]amino}-2-(4-fluorophenyl)-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3,5-difluorophenyl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;

- 2-(3,5-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,5-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-5-{{3-(dimethylamino)propyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,3-difluorophenyl)-6-{{3-(dimethylamino)propyl}amino}-1,3-benzoxazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(3,4,5-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;

- 6-{[2-(dimethylamino)ethyl]amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 2-[2-fluoro-6-(trifluoromethyl)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-fluoro-6-(trifluoromethyl)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{[3-(dimethylamino)propyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 6-{[3-(dimethylamino)propyl]amino}-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-5-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-6-{[3-(dimethylamino)propyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-chloro-6-fluorophenyl]-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;

- 2-[2-chloro-6-fluorophenyl]-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-[3,4-dimethoxyphenyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[3,4-dimethoxyphenyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-bromo-3-pyridyl]-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-[2-bromo-3-pyridyl]-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzoxazole-4,7-dione;
- 2-cyclohexyl-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-cyclohexyl-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-thien-2-yl-1,3-benzothiazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-thien-2-yl-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-5-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-6-{[2-(dimethylamino)ethyl]amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2,5-dichlorothien-3-yl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2-furyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(2-furyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione;
- 6-{[2-(dimethylamino)ethyl]amino}-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione;
- 5-{[2-(dimethylamino)ethyl]amino}-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione;

- 6-{{2-(dimethylamino)ethyl}amino}-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(2-fluorophenyl)-5-{{2-pyrrolidin-1-ylethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(2-fluorophenyl)-6-{{2-pyrrolidin-1-ylethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(4-fluorophenyl)-5-{{2-pyrrolidin-1-ylethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(4-fluorophenyl)-6-{{2-pyrrolidin-1-ylethyl}amino}-1,3-benzothiazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-{{2-pyrrolidin-1-ylethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-{{2-pyrrolidin-1-ylethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(2,6-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzothiazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}(ethyl)amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}(methyl)amino}-2-methyl-1,3-benzothiazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-5-{{2-pyrrolidin-1-ylethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-[2,6-dichloro-5-fluoro-3-pyridyl]-6-{{2-pyrrolidin-1-ylethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,4-difluorophenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(2,4-difluorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;

- 6-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(3-fluoro-4-methylphenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-chlorophenyl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 2-(4-chlorophenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzothiazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 5-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 6-[(2-pyrrolidin-1-ylethyl)amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione;
- 2-(1,3-benzodioxol-5-yl)-5-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;

- 2-(1,3-benzodioxol-5-yl)-6-{{2-(dimethylamino)ethyl}amino}-1,3-benzoxazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione;
- 2-(4-ethylphenyl)-5-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 2-(4-ethylphenyl)-6-[(2-pyrrolidin-1-ylethyl)amino]-1,3-benzoxazole-4,7-dione;
- 5-{{2-(dimethylamino)ethyl}amino}-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione;
- 6-{{2-(dimethylamino)ethyl}amino}-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione;

or of a salt ~~of one of the latter~~ thereof.